

Title (en)
SPECIFIC BINDING ASSAY EMPLOYING ANTI-G6PDH AS LABEL

Publication
EP 0154276 B1 19910508 (EN)

Application
EP 85102047 A 19850225

Priority
IT 4783484 A 19840309

Abstract (en)
[origin: EP0154276A2] A specific binding assay method and reagent system based on the use of an inhibitory anti-enzyme, e.g., antibody or fragment thereof, as the label component. Such method and reagent system have been improved by selection of anti-(glucose-6-phosphate dehydrogenase) [anti-G6PDH] as the anti-enzyme label. The improved label is monitored by its ability to inhibit G6PDH. The resulting assay is more sensitive, requires lesser quantities of reagents, is less susceptible to sample interferences, and employs a reagent system having greater stability than the published prior art method employing an anti-peroxidase label. The present invention is panially applicable to homogeneous immunoassays for determining substances appearing at low concentrations in biological fluids such as urine and serum.

IPC 1-7
C12Q 1/32; **G01N 33/542**; **G01N 33/563**; **G01N 33/74**; **G01N 33/82**

IPC 8 full level
C12Q 1/32 (2006.01); **G01N 33/532** (2006.01); **G01N 33/537** (2006.01); **G01N 33/542** (2006.01); **G01N 33/543** (2006.01); **G01N 33/535** (2006.01)

CPC (source: EP US)
G01N 33/542 (2013.01 - EP US); **Y10S 435/81** (2013.01 - EP US); **Y10S 435/962** (2013.01 - EP US); **Y10S 435/975** (2013.01 - EP US)

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Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
EP 0154276 A2 19850911; **EP 0154276 A3 19880330**; **EP 0154276 B1 19910508**; CA 1237967 A 19880614; DE 3582740 D1 19910613; IT 1199088 B 19881230; IT 8447834 A0 19840309; IT 8447834 A1 19850909; JP S60222772 A 19851107; US 4686181 A 19870811

DOCDB simple family (application)
EP 85102047 A 19850225; CA 466799 A 19841101; DE 3582740 T 19850225; IT 4783484 A 19840309; JP 4496985 A 19850308; US 67315284 A 19841119